CODE ID SPI NO. (TPN) SPECIAL PACKAGING INSTRUCTION F00-073-1970 98747 SHEËTI DF 9 CURRENT ILL. G. HEEREN PART OR DRAWING NO. NATIONAL STOCK NO. Otheren REV 1560-01-272-0806 FT Ε 32-650-4841 S. MEIER 5 Musia CHK. DRIGINAL ITEM NOMENCLATURE G. INGLES L. Grales ENGR. DATE E. BEZOSKI 5 AUTH. TANK, FUEL HH-53 92069

PRESERVATION AS SPECIFIED BELOW AND, BILL OF MATERIALS IAW MIL-P-116 LEVEL A METHOD I LEVEL SPEC STYLE TYPE CL VRTY GR LEVEL B METHOD I A MIL-C-9897 1 1 LEVEL C METHOD I B MIL-C-9897 В ì Ι QUP 001 C MIL-C-9897 I 1 ICO 000 LEVEL A LEVEL B LEVEL C CLEANING C-1 GROSS CU FT 361.999 361.999 361.999 DRYING D-1 GROSS WT LBS 1304 1304 1304 PRESERVATIVE N/A SEE PRESERVATION INSTRUCTIONS 80 DESIGN FRAGILITY G 80 MARKING IAW MIL-STD-129 USING REF -9 LENGTH WIDTH DEPTH SPECIAL MARKINGS: CNIR I.D. 288 42 45 5/8

A) SPI NO. F00-073-4870 50 1/2 CNTR D.D. 289 3/4 42 3/4 MARK THE SPI NUMBER ON THE CONTAINER. B) REUSABLE CONTAINER - DO NOT DESTROY.

> ITEM DIM ITEM WI LBS

C) TO OPEN, REMOVE LAG SCREWS HOLDING

SUPERSTRUCTURE TO BASE.

CLOSURE I.A.W. THIS DRAWING

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- r

TANK PRESERVÁTION AND PREPARATION

- ASSEMBLED TANK SHALL BE PREPARED LA.W. 00~85A-03-1.
- THE AFT EJECTOR CONNECTION SHALL BE COATED WITH -27, COVERED WITH BARRIER -28, THEN TAPED IN PLACE WITH -29. THE ENTIRE AREA WILL THEN BE COVERED WITH -28. SEAL ALL EDGES WITH -29.
- PRESERVE ELECTRICAL CONNECTORS IN ACCORDANCE WITH T.O. 00-85A-03-1, PARA 2-5c.
- ALTERNATE PRESERVATION FOR ELECTRICAL NECTORS. PLACE MIL-P-3420, TYPE I, CLASS 2, STYLE A, OR EQUAL OVER PINS AND COVER WITH PLASTIC CAP CONFORMING TO MS-90376. CAUTION: MIL-P-3420 MAY CONTAIN MILD IRRITANT TO EYES AND SKIN. WASH HANDS AFTER HANDLING.
- COVER AIR AND FUEL PROBES WITH PLASTIC AND SECURE WITH TAPE, PPP-T-60, TYPE IV, CLASS I TO PREVENT CONTAMINATION FROM ENTERING TANK.
- PLACE BARRIER ACROSS THE TOP OF THE TANK COV-ERING FUEL PROBES AND ELECTRICAL CONNECTIONS.
 TAPE ACROSS THE WIDTH OF BARRIER IN LOCATIONS OF CENTER STRAPS AND TAPE ALL EDGES TO SEAL USING -29.
- FIN ASSEMBLY MUST BE REMOVED FROM TANK BE-FORE PACKAGING IN THIS SPI CONTAINER.

l	RE VISIONS		*
LTR	DESCRIPTION	DATE	APRVD
Ε	COMPLETELY REVISED SPI	92364	210
		T	

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CONTAINER NOTES

- 8. KITS CONTAINING THE COMPONENTS NECESSARY TO CONSTRUCT THIS CONTAINER ARE STOCK LISTED AS NSN 8145-01-350-0088 FT. CRATE FABRICATION AND ASSEMBLY SHALL CONFORM TO MIL-C-9897 UNLESS OTHERWISE SPECIFIED IN THIS INSTRUCTION.
- FINISHED WOOD AND PLYWOOD COMPONENTS SHALL BE TREATED AS SPECIFIED IN MIL-C-9897, PARAGRAPH 3.1.6.
- 10. ASSEMBLY HARDWARE: BOLTS AND NUTS USED TO ASSEMBLE METAL MEMBERS SHALL BE SPECIFIED IN MIL-C-9897, PARAGRAPH 3.1.2
- ALL SLOTTED ANGLE STEEL SHALL BE MEAS-URED AND CUT FROM MANUFACTURER'S CUT-TING MARKS.

CONTAINER ASSEMBLY

- HORIZONTAL SIDE MEMBERS -13 ARE THE REMADE OF THREE (3) PIECES 96 INCHES LOW JOINED TOGETHER, USING SPLICES -11 AS SHOWN IN DETAIL A.
- 13. CONSTRUCT SIDES AS SHOWN IN DETAIL B.

(CONTINUED ON PAGE 3 OF 8)

SPECIAL PACKAGING INSTRUCTION

CODE ID

SPI NO. (TPD) F00-073-4870

SHEET 2 OF 9

ITEM NOMENCLATURE TANK, FUEL HH-53

NOTES:

- 14. JOIN SIDES USING END CROSS MEMBERS -12 AND END DIAGONALS -40.
- 15. SKID ASSEMBLY IS MADE OF -1 (LUMBER) AND -7 (PLYWOOD) AS FOLLOWS AND AS SHOWN IN DETAIL C. EACH SKID ASSEMBLY WILL HAVE THREE (3) PIECES OF -7 BETWEEN TWO (2) SETS OF -1. EACH SET OF -1 WILL HAVE ONE (1) PIECE 96 INCHES LONG, TWO (2) PIECES 72 INCHES LONG AND ONE (1) PIECE 48 INCHES LONG. SECURE THE PIECES TOGETHER WITH 16d NAILS SPACED 3 INCHES APART IN A STAGGERED PATTERN. NAILS MUST CONFORM TO FF-N~105 TYPE II, STYLE 7.
- 16. POSITION SKID ASSEMBLIES VITH -1 STANDING VERTICALLY. SEE DETAIL D. TOENAIL THE RUBBING STRIPS -2 AND -3 TO SKID ASSEMBLIES TO MAINTAIN POSITIONING UNTIL BOLTED TO THE HORIZONTAL MEMBERS. SEE DETAIL E FOR POSITIONING.
- 17. PLACE REMAINING BOTTOM CROSS MEMBERS AND CENTER BOTTOM HORIZONTAL, AS SHOWN IN DETAIL
- 18. SECURE DECK BOARDS -8 AND -38 AS SHOWN IN DETAIL G. CENTER DECK BOARDS ARE TO BE POSITIONED OVER FORKLIFT ENTRIES.
- 19. ASSEMBLE SADDLES AS SHOWN IN DETAIL H.
 POSITION SADDLES AS SHOWN IN DETAIL E
 AND BRACE AS SHOWN IN DETAIL I.
- 20. POSITION AND ATTACH MARKING PLATES -9 AS SHOWN IN DETAILS B AND K.
- 21. POSITION AND ATTACH PUSH PLATES -8 AS SHOWN IN DETAIL K.
- 22. POSITION AND ATTACH TWO BLOCKS -4, TO
 DECK ENDS -38, USING -34 AND -20, AS SHOWN
 IN DETAIL R.

- 23. AFTER TANK HAS BEEN POSITIONED IN THE CONTAINER AND CENTERED LENGHTHWISE. ASSEMBLE TWO BLOCKS -4 AS SHOWN IN DETAIL M. POSITION -4 AND -37 OVER THE ATTACHMENT BOLTS ON THE TANK. ASSURE THE CUSHION IS PLACED FIRMLY AGAINST THE TOP OF THE TANK AND ATTACH SUPPORT -6 TO BLOCKING SUPPORT -25. BRACE THE ASSEMBLY WITH BLOCKING DIAGONAL -36 AS SHOWN IN DETAIL N.
- 24. POSITION TOP CROSS MEMBERS -12 AND TOP DIAGONALS -16 AND -30 AS SHOWN IN DETAIL L.

REMOVAL INSTRUCTIONS:

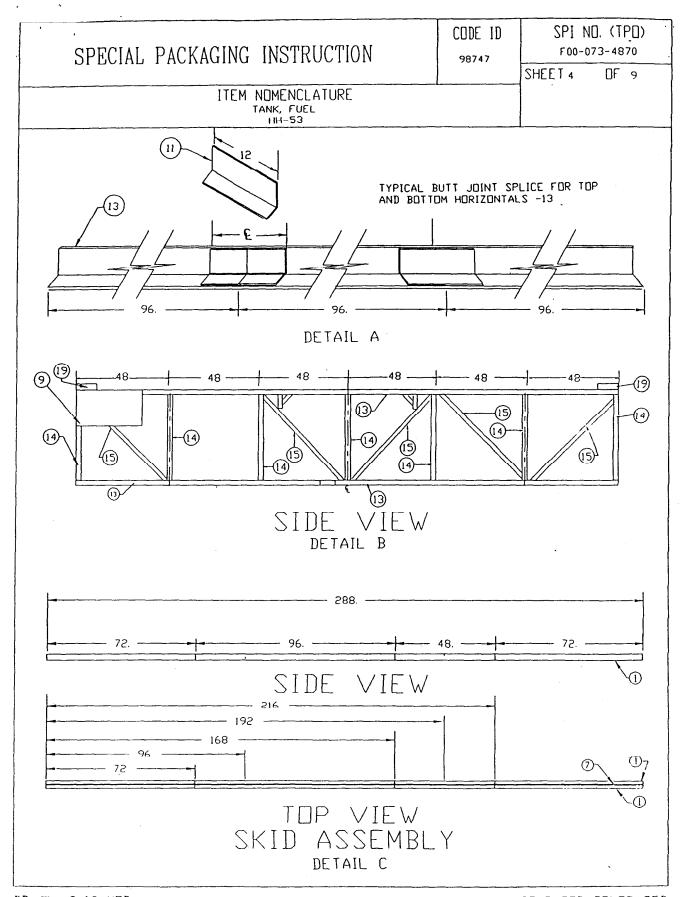
WHEN REMOVAL OF TANK FROM CRATE IS REQUIRED:
REMOVE BOLTS CONNECTING THE INNER TOP CROSS MEMBERS
-12 AND DIAGONALS -16 AND -30, TO THE RAILS, -13, ATTACH SLINGS
TO TANK, AND LIFT TANK STRAIGHT UP. SAVE CRATE
FOR RE-USE.

SPECIAL PACKAGING INSTRUCTION

CODE 1D 98747 SPI NO. (TPO) F00-073-4870 SHEET 3 OF 9

ITEM NOMENCLATURE TANK, FUEL HH-53

-40	2	DIAGONALS, END	54 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-39	24	LAG BOLTS	5/16 X 3	FF-B-561 TYPE I, STYLE 1, GRADE B
-38		DECK END	38 1/2 X 24 X 3/4	A-A-55057 TYPE A
-37	2	CUSHION	10 X 6 X 1/4	MIL-R-6855 CLASS 2, GRADE 40, TYPE A
-36	4	BLOCKING, DIAGONAL	12 X 3 X 1 1/2 (SEE BETAR B)	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-35	1	REDIBOLT	5/16 X 15	MS-35799
-34		BOLT, CARRIAGE	5/16 X 5	FF-B-584 TYPE I, CLASS I, STYLE A
-33	2	CUSHION (SEE DETAIL P)	45 X 4 X 1/4	MIL-R-6855 CLASS 2, GRADE 40, TYPE A
-31	30	BOLTS, CARRIAGE	5/16 X 8	FF-B-584 TYPE I, CLASS I STYLE A
- 30	3	DIAGONAL, TOP	60 X 3 X 1 1/2 (SEE DETAIL O)	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
		TAPE	A/R (SEE NOTE 2)	MIL-T-22085 TYPE IV
-58	A/R	BARRIER WRAP	A/R (SEE NOTE 2)	MIL-B-121 TYPE I, GRADE A, CLASS 2
		PRESERVATIVE	A/R (SEE NOTE 2)	MIL-C-16173 GRADE 1
-56	30	LOCKWASHER	3/8	FF-W-84, CLASS B, STYLE 2
- 25	4	BLOCKING, SUPPORT	7 1/2 × 3 × 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-24	18	BOLTS, CARRIAGE	5/16 × 1 1/2	FF-B-584 TYPE I, CLASS 1, STYLE A
-53	22	BOLTS, CARRIAGE	5/16 × 3	FF-B-584 TYPE I, CLASS I, STYLE A
- 55	4	BOLTS (BLOCKING)	5/16 × 7	FF-B-584 TYPE I, CLASS I, STYLE A
-21	310	BOLTS	5/16 × 3/4	SEE NOTE 10
-20	385	LUCKNUTS	5/16	MS51922-9 (SEE NOTE 10)
-19	4	STACKING GUIDES	15 X 3 X 1 1/5	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-18	4	SADDLE SUPPORT	15 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-17	Δ	SADDLE, DINGONAL	21 X 3 X 1 1/2	MII -S-21041 UNIT A, TYPE 4, CLASS 3
-16	3_	DIAGONAL, TOP	60 X 3 X 1 1/2 (SEE DETOIL O)	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-15	12	DIAGONAL, SIDE	57 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-14	14	VERTICAL SIDE	42 X 3 X I I/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-13	5	HORIZONTAL, SIDE	288 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-12	15	CROSS MEMBERS	41 1/2 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-11	10		12 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-10	4	SADDLE SUPPORTS (SEC DETAIL H)	41 X 16 X 1/2	A-A-55057 TYPE A
-9	2	PLATE, MARKING	24 X 16 X 1/2	A-A-55057 TYPE A
-8	4	PUSH PLATE / DECK CENTER	41 1/2 X 14 X 3/4	A-A-55057 TYPE A
-7	6	SKID, SUPPURIOSEE NOTE 15X	96 X 3 1/2 X 1/2	A-A-55057 TYPE A
-6	2	SUPPORT	42 X 3 X 1 1/2	MIL-S-21041 UNIT A, TYPE 4, CLASS 3
-5	2	SADDLE (SEE DETAIL H)	1 1/2 X 16 (ACT) X 41	MIL-STD-731 CL 2
- 4	1	BLOCKS(SEE DETAIL M & R)	4 X 4 (N0M) X 24	MIL STD-731 CL 2
-3	8	RUBBING STRIPS	4 X 4 (NDM) X 52 1/2	MIL-STD-731 CL 2
-5	2	RUBBING STRIPS	4 X 4 (NDM) X 24	MIL-STD-731 CL 2
-1	2	SKIDS (SEE NOTE 15)	2 X 4 (NDM) X 288	MIL-STD-731 CL 2
	QTY	NOMENCLATURE DR	SIZE	MATERIAL SPECIFICATION
	REQU	· · · · · · · · · · · · · · · · · · ·	SIZE (INCHES UNLESS SPECIFIED)	
		DC SCRILLIUN	MICHES ONCESS SEECHIEDS	



CODE ID SPI NO. (TPO) SPECIAL PACKAGING INSTRUCTION F00-073-4870 98747 SHEE Is ÜF ITEM NOMENCLATURE TANK, FUEL HH-53 DETAIL D SADDLE POSITIONING MAY VARY BY ONE (1) INCH (3) (33) 190 2 288 232 1/2 67 1/2 DETAIL D SADDLE AND RUBBING STRIPS DETAIL E

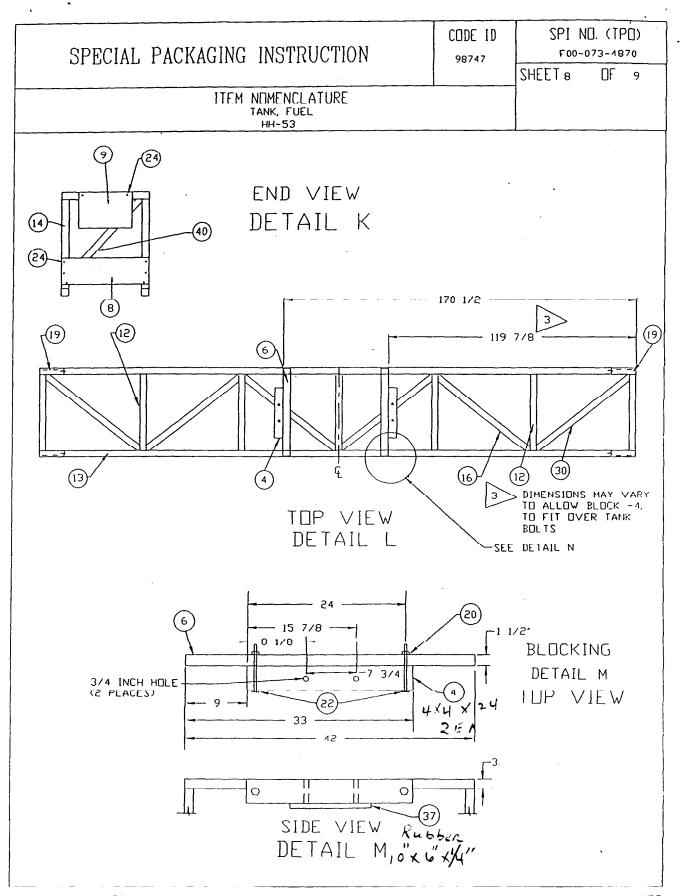
SPI NO. (TPO) CODE ID F00-073-4870 SPECIAL PACKAGING INSTRUCTION 98747 SHEET 6 OF ITEM NOMENCLATURE TANK, FUFL HH-53 SLOTTED ANGLE PLACEMENTIO3 LAY DOWN DETAIL FILL 43 THIS CROSSMEMBER WILL SUPPORT ONE SADDLE ASSEMBLY εg Reverse LAY DOWN FOR SADDEL'S (12) (8) DECK PLACEMENT DETAIL G

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2169 MDD

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CODE ID SPI NO. (TPO) SPECIAL PACKAGING INSTRUCTION F00-073-4870 98747 SHEET 7 OF ITEM NOMENCLATURE TANK, FUEL HH-53 5)(10) ₍(10)(5) 16 3/8 R 16 2 1/27 45° 3 1/2 SIDE VIEW DETAIL H DETAIL H DETAIL I



SPECIAL PACKAGING INSTRUCTION

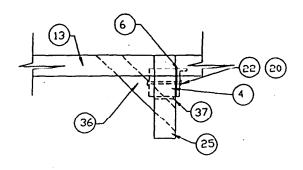
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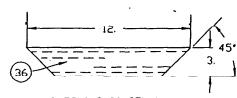
SHEET 9

DF

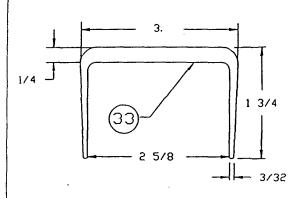
ITEM NOMENCLATURE TANK, FUEL HH-53



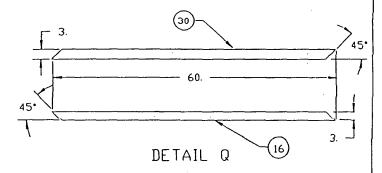
BLOCKING DETAIL DETAIL N

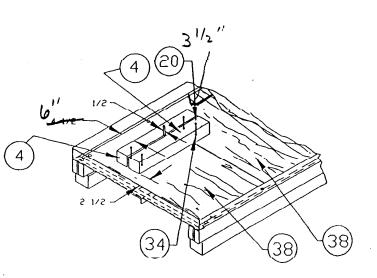


BLOCKING DIAGONAL DETAIL 0



BOTTOM CUSHION DETAIL P





FIN BLOCKING PLACEMENT DETAIL R

ITEMS 27, 28, 29, AND 35 ARE NOT SHOWN IN THESE INSTRUCTIONS